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2176 A19907 Synthetic nacted by a 2010 A19907 Synthetic nacted tensor 2062 A19905 Squence 24 from patent 2062 A2005 Sky receptor are parent 2060 M60275 Human Lumor necrosis 1 A20103 Hisapiens minh lor INF 2004 A1904 A8 Sus scrofa per INF receptor A1904 A8 A1905 How scrofa per INF receptor A1904 A1904 A1905 How sapiens 12013 M63122 Rat tumor necrosis lace
                                                                                                                                                                                                                                                                                                                                                             A29098 Synthetic DNA for TNE 1
A21522 TNE alpha gene, 7/1991
M33294 Human tumor necrosis fa
A2413 cDNA for (55k2 INF-BE)
M58286 Homo sapiens Lumox necr
M63121 Human Lumor necrosis (4
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1 BC004599 Mus musculus, tumer of 1.26349 Mus musculus lumer need
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                                                                                    1 XC7796 Mouse mPNA for CT
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INF-receptor, INF-binding protein and ENA coding theretor
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1 (bases: Lo. 2087)
Schall: Le*is: M. Relles:E.J.: Lee.A.L.: Pire:G.C.: Word;G.H.,
Gatanaga:L.: Granger,G.A., Lentz.E.: Raab;H.; Kohr,W.J. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Draft entry and computer-readable sequence for [1] kindly submitted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FGETETGSESPVESSTETSSSTYTEGGGENEAARKKEVAPPYGGADELATALASDET
PNELGEWEUSABIKPGSLEETGEATTYAVVENVPPLEWKEFVREGGBEIDRUELDRUELG
GPCTREAQYSMLATWRRRTPRREATTEGGROUDGGGEOTER FEALGGRAALPPA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Homo sapiens
Eukaryota: Metazoa: Chordata: Graniata: Vertebrata: Euteleostomi;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Goeddel, \mathrm{b}\,.\,\mathrm{V}_{-} Molecular cloning and expression of a receptor for human tumor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          10-NOV-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human tumor necrosis factor receptor mKNA, complete eds.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              cell surface receptor; tumor necrosis factor receptor.
                                            1405 GC1GGAGCTGCTGGACGCGTGCTCCGCGAPATGGACTTGCTGCTGCCTGCCTT454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              434 euGluAspileGluGluAlaLeuCysGlyProAlaAlaLeuFroProAla 450
384 InfleAspArgLeuGluLeuGlnAshGlyArgCysLeuArgGluAiaGln 400
                                                                                                                                                               401 TyrSerMetLeuAlaThrTrpArgArgArgThrProArgArgGluAiaTh 417
                                                                                                                                                                                                                                                                                                                                   417 rLeuGluLeuLeuGlyArqValLeuArqAspMetAspLeuLeuGlyCysL 434
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/note="tumor necrosis factor receptor"
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11.2087
/Arganism="Homo sapiens"
/Ar xrel "Laxon, 9506"
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Location/Qualifiers
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US-09-525-998A-2 x HUMINFR
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Align seg 1/1 to: HUMINFR from: 1 to: 2087

- 117 sThrValAspArgAspThrValCysGlyCysArgLysAsnGlnTyrArgH 134

- 217 III-Debenbelly (1907) (190

- 267 uAlabroAsaproSerpheSerproThrbroGlypherhrproThrleuG 284
- 982 GGCCCCAAACCCAAACTTCAGTCCAGGCTTCAGCCCCACCCTGG 1031

/I ranslation="MGLSTVPDLILPIVILEITVGTYPSGVIGLVPHLGDREKEDSVC PQGKYTHPQDNISICCTKGHRGTYLYPNGCPGPQDDTDGRECESGSFTASENHLRRICLSG PQGKYTHPQDNISICCTKGHRGTYCCGGKNOYRHYWSENLFQCFNGSLCLNGTVHLSCQE KQNYQTCHAGFFTRENECYSGSNGKKSTPGCTRICLPQTENGSGTIVLLDTV

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/transl_table=11

/codon_start-1

seq_name: gb_pat:A26412

1 (bases 1 to 2111) Prockhaus, M., Dembie, Z., Gentz, F., Lesslauer, W., Loetscher, H. and Schlaeger, E.J. DEFINITION CONA for (55kD INF-BP) tumor necrosis factor binding protein from FV /organism="synthetic construct" /db_xref-"taxon:32630" 24 20-MAR-1991; Location/Qualifiers DNA HOFFMANN-LA ROCHE AG TNF binding proteins Patent: EP 0417563-A F. HOFFMANN-LA BOOUF 2111 bp synthetic construct. synthetic construct artificial sequence 1554 A25412.1 G1:904968 patent EP0417563. seq_documentation_block: A26412 A26412 OPGANISM ACCESSION REFERENCE AUTHORS JOURNAL KEYWORDS FEATURES CDS VERSION TITLE SOURCE

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PNPLQKWEDSAHKPQSLDTDDPATLYAVVENVPPLEWKEFVRELGLSDHETDRLEIGN
GPCLPEAQYSMLATWPPPTPPPBATTFPTLGPVLPDMPIJ.GCLPDTPFALGSPAALPPA
84 ysGluSerGlySerPheThrAlaSerGluAsnHisLeuArgHisCysLeu 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    134 isTyrTrpSerGluAsnLeuPheGlnCysPheAsnCysSerLeuCysLeu 150
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      184 snCystystysSerieaCluCysthrigsLeaCystenProCluTleClu 200
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                                                                                                                                                                                                                                                                                                                                                                                                           1 MetGlyLeaSerThrValProAspLeaLeaLeaProLeaValLeaLeaGl 17
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Percent Similarity: 100.000 Percent Identity: 100.000
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US-09-525-998A-2 x A26412
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Bukaryota, Metazoa, Chordata, Cranjata, Vertebrata, Euteleostomi,
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M58286, M7180
M58286,1 G1:339753
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1 (bases 1 to 2111)
Leetecher, H., Pan, Y.-C.E., Labar, H.-W., Gentz, R., Brockhaus
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                                                                                                234 pranging Cloar direptysSerigs (entyrSerife ValogsSelptys 256 | 1114 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 
                                                                                                                                                                                                                                                                                                      417 rleuGhaleuleudlyArgValleuArgAspMetAspLealeuGiyCyst. 434
887 CAILLICHTESSICHIGCCHIIAICCCICHCAISSTHAAIGT 886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1137 CIATCAGGGGTGACCCATCTTGGGAAGCCTCGGTCGGACCCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1437 (9.3 s.ArchodidddAdddig P. G.ARAMAHAALIGDGS 1. O)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  267 uAlaProAssProSerPheSerProThrProClyPheThrProThrLeuG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             334 TeProAsnProLeuGlnLysTrpGluAspSerAlaHisTysProGlnSer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1187 TCCCCAACCCCATLICAGAAGIGGGAGACAGGGGGGGGACACAGAGG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          367 OProLeuArgTrplysGluPheValArgArgLeuGlyfeuSerAspHisG
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Tabuchi, H. and Lesslauer, W.

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SKCPKFMCQVETSSCTVDPDPDFQCFRNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE
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PGFTPTLGFSPVPSSTFTSSSIYTFGJG,PNFAAPREVAPPYGGAGPITIATALASID-I
PNPLQKWEDSAHKPQSLDTDDDPATLYAVVENVPPLRWKEFVRRLGLSDHEIDRLELQN
                                                                                                                                                                                                                                                                                                                                                                                                                                /translation-"MGLSTVPDLLIPLVI.LELLVGIYPSGVIGLVPHLGDPEKRDSVC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GRCLREAQYSMLATWRRRTPRREATLELLGRVLRDMIJLLGCLEDTREAT.CGPAALPPA
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Molecular cloning and expression of the human 55 kd tumor neorosis
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            84 ysGluSerGlySerPheThrAlaSerGluAsnHisLeuArgHisCysLeu 100
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                                                                                                                                                                                                                                                                                                                                                                /product-"tumor necrosis factor receptor"
/protein_id-"AAA36753.1"
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                                                                                                                                  /organism="Homo sapiens"
/db_xref="taxon:9606"
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274. [155]
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Cell 61, 351-359 (1990)
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US-09-525-998A-2 x HUMINFRB
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1037 GCTTCAGTCCCGTGCCCAGTTCCCACCTTCACCTCCAGCTCCACCTATACC 1086
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                                                                                             134 isTyrTrpSerGluAsnLeuPheGlnCysPheAsnCysSerLeuCysLeu 150
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Aba<br/>Pro-AsarPro-SerPho-SerPro-Thr<br/>Fro-GlyPho-Thr<br/>Droud 284\,
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487 AGPENDED POLYARATION GRANDS GRANDS GRANDS GRANDS GRAND FOLD GENERAL SECTION SECTIO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             837 CATITITCTTTGGTCTTTGCCTTTTTATCCCTCCTCTTCATTGCTTTAATGT 886
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PGFTPTLGFSPVPSSTFTSSSTYTPGDCPNFAAPRRIVAPPYQGADPTLATALASDPT
PNPLQKWEDSAHKFQSLDTDDFATLYAVVENVPPLRWKEFVRRLGLSDHEIDRLELQN
GPCLPEAQYSMLATWPPPTPPPFATLELLGFVLRDMDLLGCLEDIEEALGGPAALPPA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PQGKYTHPQNNSTCCTKCHKGTYLYNDCPGPGDDTAARRCESGSFTASENHLRHCLSG
SKCPKEMGQVETSSCTVDRDTVGGCRKNQYRHYMSENLEQGFNCSLCLNGTVHLSGQE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /translation="MGLSTVPDLLLPLVLLELLVGTYPSGVIGLVPHLGDREKRDSVC
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                                                                                                                                                                                                                                                                                                                                                                                         Human tumor necrosis factor receptor (TNF receptor) mRNA, complete
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Himmler, A., Maurer-Fogy, L., Kroenke, M., Scheurich, P.,
Pflycumaict, K., Lantz, M., Olssen, L., Bauptman, F., Stratowa, C. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazda, Chordata, Craniata, Vertebrata, Euteleostomi,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Molecular cloning and expression of human and rat tumor neorosis
                                                                                                                                                                                                                                                                                                                                                                    03-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  lactor receptor chain (p60) and its soluble derivative, tumor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 2112)
                            417 rLeuGluLeuLeuGlyArqValLeuArqAspMetAspLeuLeuGlyCysL 434
                                                                                                434 euGluAspIleGluGluAlaLeuCysGlyProAlaAlaLeuProProAla 450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /product."tumor necrosis factor receptor"
/protein_id="AAA36754.1"
/db_xref="G1:339756"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /product-"tumor necrosis factor receptor"
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/dh_xref-"taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         necrosis factor-binding protein
DNA Cell Biol. 9, 705-715 (1990)
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tumor necrosis factor receptor.
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/qene="INF receptor"
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US-09-525-998A-2 x HUMINERC
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251 SerThrProGlutysGluGlyGlut.euGluGlyHhrlhrlhrlhrlysProLe 267
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     84 ysGluSerGlySerPhelhrAlaSerGluAsnHisLeuArgHisCysLeu lu0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              167 rCysHisAladiyPhePheLeuArdiuAsnalutysValSertysserA 184
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                                                                                                                       1 MetGlyLeuSerlhrValProAspLeuLeuLeuProLeuValLeuLeuGl 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    34 euGlyAspArqGluLysArqAspSerValCysProGluGlylyslyrlle 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             51 HisProGlnAsnAsnSerlleCysCysThrLysCysHisLysGiylhrly 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             67 rleuTyrAsuAcpCycProGlyProGlyGluAspThrAspCysArgGluC 84
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08-SEP-2000
                     1107 CCCGGFGACTFTGCGCCTCCCCCAAGGGGGGGGCACCACC 1156
                                                                                                1457 GCTGGAGCTGCTGCGAACGCTCCTCCCACACACACACCTGCTGGCCTGC 1506
                                                                                                                                                334 leproAsnProLeaGLnLysTrpGluAspScrAlaHisLysProGinScr 350
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301 ProGlyAspCysProAsnPheAlaAlaProArgArqGluValAlaProPr 317
                                                                          317 ofyrGlnGlyAlaAspProIleLeuAlaThrAlaLeuAlaSerAspProI 334
                                                                                                                                                                                                                           351 LeuAspThrAspAspProAlaThrLeuTyrAlaValValGluAsnValPr 367
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                                                                                                                                                                                                                                                                                                                                                                            384 httleAspArgionGlutonGluAsnGlyArgCysteuArgGluAlaGin 400
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Baker,B.F. and Cowsert,L.M.
Antisense inhibition of INFRI expression
Patent: US 6007995-A 1 28-DEC-1999;
Location/Qualifiers
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AR096330
AR096330 1 GT-10025045
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956 AVGGCVACCAACGGTGGAAGTCCAACCTCVACTCCATTGTTGTTTTTGTGGGAAA 1005
                  84 ysGluSerGlySerPheThrAlaSerGluAsnHisLeuArgHisCysLeu 100
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                                                                                                                                                         34 euGlyAspArgCluLysArgAspSerValCysProGlnGlyLysTyrlle
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Nophar,Y., Kemper, G., Braketeisch, C., Englemann,H., Zwang,P.,
Aderka,D., Holtmann,H. and Wallach,D.
Soluble forms of tunen necrosis factor receptors (INF-RS). The cunA
for the type 1 TNF R, cloned using amino acid sequence data of its
soluble form, encodes both the cell surface and a soluble form of
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ACCESSION X55313
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/gene-"TNF-R"
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US-09-525 998A 2 x HSTNFRIA
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1356 CCCCTTCCCCTCCAAGGAATTCCTGCCCCTGCCCTAGGGCTTGAGCCACCACG 1405
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184 snCysLysEysSerLeuGlaCysThrLysLeuCysLeuFroGlnileGlu 200
                                                                                                                806 ACTGTAAGAAAAGCCTGGAGTGGAAGTTGTGGGGTAGGGGATTGAG 855
                                                                                                                                                           20] AssWallgsClgthrCluAspSerClgThrThrValLcuLcuProLcuVa 217
                                                                                                                                                                                                        856 AATGTTAAGGGCACTGAAGGACTCAGGCACCACACGCGCTGTGCCCCTGGGT 905
                                                                                                                                                                                                                                                                                                                                              234 yrArqTyrGlaArqTrpLysSerLysLeuTyrSerIleValCysGlyLys 250
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SKCRKEMGQVELSSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCOE
KQNIVCTCHAGFFLRENE/VSTSNCKKSLECTRL/LPQIENVKGTEDSGTTVLLPLVI
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PGFTPTLGSFSPPPSSSTFTYSOVORNFARAPREVAPPYGGADDFLATALASDPI
PNPLJQWWEJSAHKYGSLJYLOFPATTYSVVPPILWMFFYWRLGI.SDHFIJDRIETON
GRCLRFAQYSMLATWRHRTPPRHEATLELLGRVI.EDMIGGCI.EDI.EBALGOPAALPPA
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                                                                                                                                                                                                     (bases I to 2175)
Wallach,D., Brackebusch,C., Variolomeev,E. and Batkin.M.
Flotcases capable of shedding the soluble INF receptor and INF-R
derived peptides and antibodies against the proteases inhibiting
                        06-MAR-1997
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Ratio: 5.466 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000
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/note="unnamed protein product"
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Other publication AP 7194787 950801
Other publication AP 774294 950504
Other publication CA 2133972 950413.
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YEDA RES & DEV (IL)
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/db_xref-"GI:2299023"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="unidentified"
                   A43873 2175 bp DNA
Sequence 1 from Patent EP0657536
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US-09-525-998A-2 x A43873
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84 ysGluSerClySerPheThrAlaSerGluAsnHist.cuArqHisCyst.eu 100

1606 CCCAGTCTTCTCAGA 1620

seq_name: gb_pat:A43873

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19 (AT 1999)
                                                                                            434 enGluAspIleGluGluAlaLeuCysGlyProAlaAlaLeuProProAla 450
                              401 TyrSerMetLeuAlaThrTrpArgArgAraThrFroArgArgGluAlaTh 417
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Brakebusch, C. and Wallach, D.
TNF ErGerich Adding Adding Patent: EP 0568925-A 7 10-NoV-1993;
YEDA RES & DEV (IL)

    .2175
    /organism="unidentified"

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A78738
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a 641 c 604 q
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84 ysGluSerGlySerPheThrAlaSerGluAsnHisLeuArgHisCysLeu 100

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1256 TCCCCAACCCCTTCAGAAGTGGJAGGACAGGGCCACAGAGCCACAGAGC
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                                                                   117 sThrValAspArgAspThrValCysClyCysArgLysAsnGlnTyrArgH 134
                                                                                                                                                                                                              656 ATTAITIGGAGTGAAAAPPTTTTPPPAGTGCTTPGAATTTGCAGGCTCTGCCTC 705
                                                                                                                                                                                                                                               151 AsnGlyThrValHisLeuSerCysClnGluLysGlnAsnThrValCysTh 167
                                                                                                                                                                                                                                                                167 rCysHisAladlyPhePheLeuArgGluAsnGluCysValSerCysSerA 184
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Expression of the recombinant tumor necrosis factor binding protein
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Wallach,D., Nophar,Y., Kemper,O., Engelmann,H., Brakebusch,C. and
                                 417 rLeuGluLeuLleuGlyArgValLeuArgAspMetAspLeuLeuGlyCysL 434
                                                                                                                                                                             434 euGluAspileGluGluAlaLeuCysGlyProAlaAlaLeuProProAla 450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      256 ATGGGCCTCTCCACCTGACCTGACCTGCTGCTGCTGCTGCTGCTGCTGCTGGT 305
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 MetGlyLeuSerThrValProAspLeuLeuLeuProLeuValLeuGl 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  67 rLeuTyrAsnAspCysProGlyProGlyGlnAspThrAspCysArgGluC 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps: 0
Percent Ideatity: 100.000
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Patent: US 5811261-A 1 22-SEP-1998;
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1. .2175
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Percent Similarity: 100 000
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US-09-525-998A-2 x AR041076
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84 ysGluSerGlySerPheThrAlaSerGluAsnHisLeuArgHisCysteu 100

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1 (bases) to 2175)
Wallach,D. Rabebusch,C. Varfelowery,E. and Matkin,M.
Wallach,D. Rabebusch,C. Varfelowery,E. and Matkin,M.
Welcoales influencing the shedding of the ine receptor, their preparation and their use
Patent: US 5669859-A 1 09-SEP-1997;
Location/Qualifiers
i .2175
                                               1406 AGATCGATCGGCTGGAGLTGCAGAACGGGGGTGCCTGCTTGGAGTTGCAA 1455
                                                                                                                                                 401 TyrSerMetLeuAlaThrTrpArgArgArgThrProArgArgGluAlaTh 417
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ACCISSION 164751
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641 c 604 a
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Ratio: 5.466
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US 09 525 998A 2 x 154751
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                                                                                                    556 AGCTGCTCCAAATGCCGAAAGGAAATGGGTCAGGTGGAGATCTCTTTG 605
                                                                                                                                                                                                                                                                                                                                     117 sThrValAspArgAspThrValCysGlyCysArgLysAsnGlnTyrArgH 134
                                                                                                                                                                                                                                                                                                                                                                                                      134 isTyrTrpSerGluAsnLeuPheGluCysPheAsnCysSerLeuCysLeu 150
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Expression of the recombinant tumor necrosis factor binding protein (TBP-1)
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Wallach, D., Nophar, Y., Kemper, O., Engelmann, H., Brakebusch, C. and
                                                                                                                                                                                                                                                                                                                                                  04-0CT-1994
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rLeuGluLeuLeuGlyArgValLeuArgAspMetAspLeuLeuGlyCysL 434
                                                                                                                                              434 euGluAspileGluGluAlaLeuCysGlyProAlaAlaLeuProProAla 450
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/db_xref="taxon.32630"
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Caps:
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1106 GCTTCAGICCCGFGCCCAGIICCACCIICACCICCAGCICCACCIAIACC 1155
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84 ysGluSerGlySerPheThrAlaSerGluAsnHisLeuArqHisCysLeu 100
                                           506 GTGAGAGGGGTCCTTCACCGGTTCAGAAAACCACCTCAGACACTGCCTC 555
                                                                                        101 SerCysSerLysCysArqLysCluMetGlyGlaValGluIleSerSerCy 117
                                                                                                              117 sThrValAspArqAspThrValCysGlyCysArqLysAscGlnTyrArqH 134
                                                                                                                                                                                                                          606 CACAGIGGAPPOSGAAPAPPINIGGAPIGGAPIGGAAGAAGAAGIAGIACGGGC 655
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        167 rCysHisAlaGlyPhePheLeuArqGluAsnGluCysValSerCysSerA 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            806 ACTGIAAGAAAAGCCTGGAGTGCACAGTTGIGGCTACGCCAGATTGAG 855
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                                                                                                                                                                                                                                                                                                                                                                                       856 AATGTTAAGGGCACTGAGGAGTCAGGCAGGAGAGTGGTGTTGGGGCTGGT
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W.D. Site, history with the state of contact.
Shortenko, Y., Wetherby, K.D., Beckstron-Sternberg, S.M., Brooks, Y., Wetherby, R.D., Bookfard, G.G., Brinkley, C., Brooks, S., Benjamin, B., Blakesley, R.W., Bouffard, G.G., Brinkley, C., Brooks, S., Bletlich, N.L., Guan, X., Gupta, J., Ho, S.-L., Karlins, E., Leqaspi, R., Lim, M., Maduro, O.L., Mastrian, S.D., McCloskey, J.C., McDowell, J., Pearsion, R., Srydor, R., Santripop, S., Homeas, P.J., Ijondson, E.E., Fouchman, J.W., Isurquent, C., Vogt, J.L., Walker, M.A.,
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This clone was selected for full length sequencing because it passed the LALDWING selected for the length sequencing because it passed the LALDWING selection Citeria, matched mRRA q1. 339755. Execution/Qualifiers
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Mammalla: Dutheria; Primates; Catarrinni; Huminidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Submitted (02 JUL-2001) National Institutes of Health, Mammalian
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Institute, 31 Center Drive, Room 11A63, Hethosda, MD 20892 2550,
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                                                                                                                                                                                                                                                                                                                                                            434 euGluAspileGluGluAlaLeuCysGlyProAlaAlaLeuProAla 450
                                                                                        401 TyrSerMetLeuAlaThrTrpArgArgArgThrProArgArgGluAlaTh 417
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Contact. MAT help desk
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/crganism-"Homo sapiens"
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/db_xref~"taxon:9606"
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/translation "MGLSTVP6HJEPLVFLEALIVGTVPSGVTGLVPHLGDKENRSVC
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GKCLREAQYSMLATWRKRTPRREATLELLGRVLRDMDLJ,GCLEDTERALGGPAALPPA
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                                               /product-"tumor necrosis factor receptor supertamily,
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                                                                                      /protein_id-"AAH10140.1"
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                      /codon_start-1
                                                                member 1A"
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Ratio: 5.466
Percent Similarity, 169.000
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07-0CT-1997
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                 267 uAlaFroAsnProSerPheSerProThrProGlyFheThrProThrLeuG 284
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                                                                                        201 AsnValLysGlyThrGluAspSerGlyThrThrValLeuLeuProLeuVa
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                                                                                                                                                                                                                           234 yrArgTyrClnArgTrplysSorLysLouTyrSorlleValCysGlyfys
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                                                                                                                                                                                                                                                                                                                                         TICGACACTICAAAAAGAGGGGGGGGCTTTGAAGGAACTACTACTAAGCCCCT
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DEFINITION Sequence 24 from patent US 5633.45.
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us-09-525-998a-2.rge

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1 (bases 1 to 2062)
Fedimann, W., Gray, P., Gray, V., Turner, M.J.C. and Brennan, F.
TNF.alpha. receptor-derived binding protein
Patent: US 5633145-A 24 27-MAY-1997;
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617 c 573 g
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Percent Similarity: 99.780
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